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Department of Energy  
Richland Operations Office  
P.O. Box 550  
Richland, Washington 99352  
DEC 13 2002

03-WMD-0060

Ms. Jane Hedges  
Cleanup Section Manager  
Nuclear Waste Program  
State of Washington  
Department of Ecology  
1315 West 4th Avenue  
Kennewick, Washington 99336

RECEIVED  
DEC 31 2002  
EDMC

Dear Ms. Hedges:

TRANSMITTAL OF IN SITU REDOX MANIPULATION THIRD QUARTER TECHNICAL  
MEMORANDUM, HNF-12140, REV. 0

Attached for your information is the subject document. This document presents the quarterly summary of observations, activities, and groundwater quality monitoring data for the In Situ Redox Manipulation (ISRM) treatment zone in the 100-D Area chromium plume west of the 100-D/DR Reactors within the 100-HR-3 Operable Unit. This technical memorandum satisfies the quarterly reporting requirement specified in the "Remedial Design Report and Remedial Action Work Plan for the 100-HR-3 Groundwater Operable Unit In Situ Redox Manipulation, DOE/RL-99-51, Rev. 1."

This report includes information on the Phase III ISRM barrier emplacement activities obtained from April 1 through June 30, 2002. The data presented in this report are limited to those that were available as of June 30, 2002.

If you have any questions, please contact Arlene Tortoso, Waste Management Division, on (509) 373-9631.

Sincerely,

John G. Morse, Program Manager  
Groundwater Protection Program

WMD:ACT

Attachment

cc w/attach:

J. Fiori, EM-43  
L. E. Gadbois, EPA  
J. Price, Ecology  
W. W. Soper, Ecology  
Administrative Record (100-HR-3)

cc w/o attach:

J. V. Borghese, FHI  
J. D. Isaacs, FHI